No. 816,664.

PATENTED APR. 3, 1906.

C. C. JOHNSON.

CLOTHES LINE.

APPLICATION FILED MAY 2, 1905.

Fig. 1.

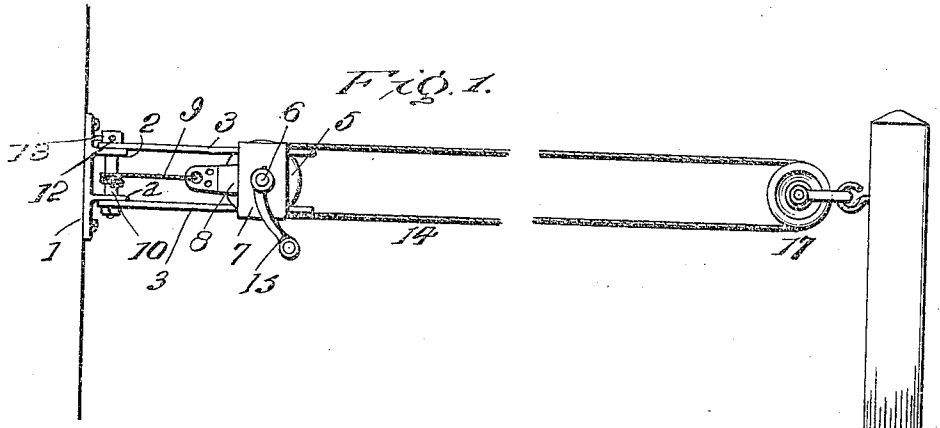


Fig. 2.

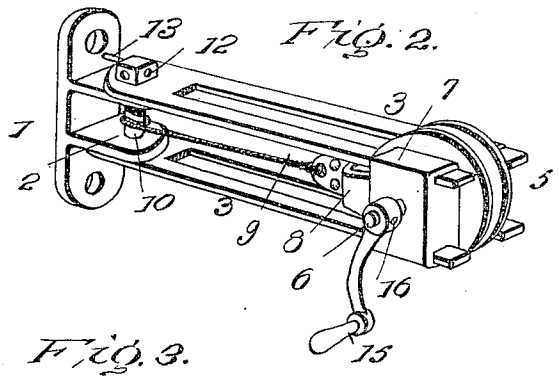


Fig. 3.

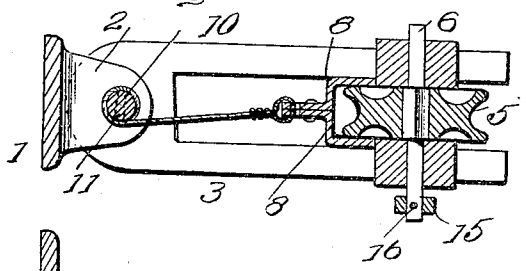


Fig. 4.

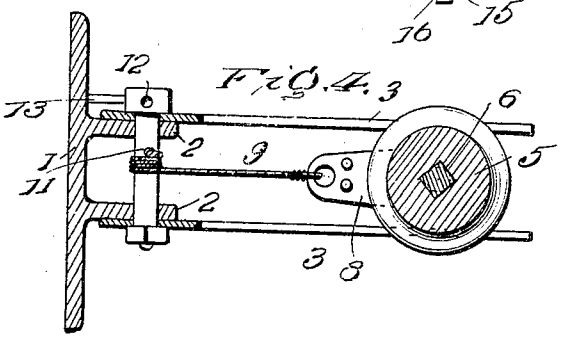
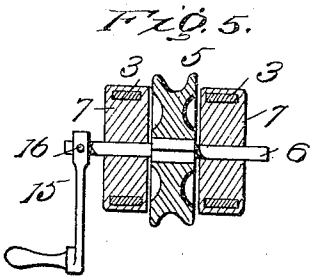


Fig. 5.



Witnesses

W. P. Woodson

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UNITED STATES PATENT OFFICE.

CEPHAS C. JOHNSON, OF PIEDMONT, OHIO.

CLOTHES-LINE.

No. 816,664. Specification of Letters Patent. Patented April 3, 1906.

Application filed May 2, 1905. Serial No. 258,470.

To all whom it may concern:

Be it known that I, CEPHAS C. JOHNSON, a citizen of the United States, residing at Piedmont, in the county of Harrison and State of Ohio, have invented certain new and useful Improvements in Clothes-Lines, of which the following is a specification.

This invention relates to improvements in clothes-lines; and it consists, essentially, of means whereby a pulley over which an endless clothes-line passes may be readily adjusted with respect to the direction and tension of the line.

It has for its object to produce a device of this character which will be simple and durable in construction and which may be readily and quickly attached or detached, as may be desired.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a side elevation showing the application of the device. Fig. 2 is a detail perspective view. Fig. 3 is a horizontal sectional view. Fig. 4 is a vertical sectional view. Fig. 5 is a transverse sectional view.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The numeral 1 indicates the bracket, which may be attached by screws or other suitable means to the door-casing, window-frame, or other desired support and is provided with spaced lugs 2, upon which the framework is pivotally mounted, so as to swing in a horizontal plane. This framework consists of two forked or slotted members 3, upon which the pulley-shell slides and which are mounted upon the lugs 2 by means of the pintle 10. The sheave-pulley 5 is provided with a square or angular opening through which the shaft 6 is passed, so as to turn therewith. This shaft 6 is pivotally mounted in a shell comprising blocks 7, which are slidably mounted upon the prongs of the forked members 3 and provided with extensions 8, which are bent around in the rear of the pulley 5 and bolted or otherwise fastened together and secured to a wire or flexible member 9, which is connected to the pintle 10 by means of a transverse opening 11 therethrough. The head of this pintle 10 is provided with a plurality of transverse openings 12, through which pins 13 are passed, by means of which the pintle can be conveniently turned to take up or let out the wire 9, and thus cause the pulley 5 to slide back and forth on the forked members 3 to obtain the desired tension in the clothes-line 14. In order to lock the pintle 10 against back motion, one of the pins 13 is allowed to project so as to engage the bracket 1 or the face of the support. A crank-handle 15 is fastened to one end of the shaft 6 by means of a pin 16, so that the pulley may be operated by turning the crank-handle. A second pulley 17 is used in connection with the above-described device and is secured to any suitable support. The endless clothes-line 14 passes around the second pulley 17 and is wound one or more times about the sheave-pulley 5.

In operation the pintle 10 is turned until the line has the required tension and is then locked in position by one of the pins 13, as heretofore described. The garments are then placed upon the line and carried out by turning the crank-handle 15.

From the foregoing description it will be readily understood that I have invented a clothes-line support which can be readily turned in a horizontal plane upon the pintle 10, so as to extend in any direction, as may be required by the line, which is adjustable to obtain the required degree of tension in the line and which is at the same time very simple, durable, and compact in construction.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a clothes-line, the combination of a bracket, arms pivotally mounted thereon by means of a pintle, a pulley mounted upon blocks adapted to slide upon the aforementioned arms and a flexible member connecting the blocks and the fore-mentioned pintle so that the blocks carrying the pulley can be caused to slide by turning the pintle.

2. In a clothes-line, the combination of a bracket having spaced lugs projecting therefrom, arms pivotally mounted upon said lugs by a pintle passing therethrough, a pulley mounted upon blocks adapted to slide upon the before-mentioned arms, and a flexible member connecting the blocks and the before-mentioned pintle so that the blocks carrying the pulley can be caused to slide by turning the pintle.

3. In a clothes-line, the combination of a

bracket having spaced lugs projecting therefrom, arms pivotally mounted upon said lugs by a pintle passing therethrough, a pulley mounted upon blocks adapted to slide upon the before-mentioned arms, a flexible member connecting the blocks and the before-mentioned pintle so that the blocks carrying the pulley can be caused to slide by turning the pintle, and means for locking the pintle against turning backward.

In testimony whereof I affix my signature in presence of two witnesses.

CEPHAS C. JOHNSON. [L. S.]

Witnesses:
J. J. SEARS,
W. M. REA.